

**ABSTRACT OF THE DISCLOSURE**

A system, device, and method for managing connection quality in an  
5 optical communication system ascertains high-level communication  
requirements and non-requirements of the network user, determines a set of  
lower level communication services for the network user based upon the  
high-level communication requirements and non-requirements of the  
network user, and obtains the lower-level communication services for the  
10 network user.